



Skil X-Drive 18V Cordless Drill Model No. 2887

Trigger Replacement

When you squeeze the trigger and nothing happens, there may be a time to replace your trigger for a new one. This guide will show you step by step how to replace it.

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TOOLS:

- [Phillips #2 Screwdriver](#) (1)
 - [T10 Torx Screwdriver](#) (1)
 - [T40 Torx Socket](#) (1)
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Step 1 — Un-clip Battery



- Grip the drill. Locate the red locking switch on the back of the battery. Hold the switch down.

Step 2 — Remove Battery



- While holding down the red locking switch, slide the battery towards the back of the drill until the battery is fully removed from the drill.

Step 3 — Remove Handle



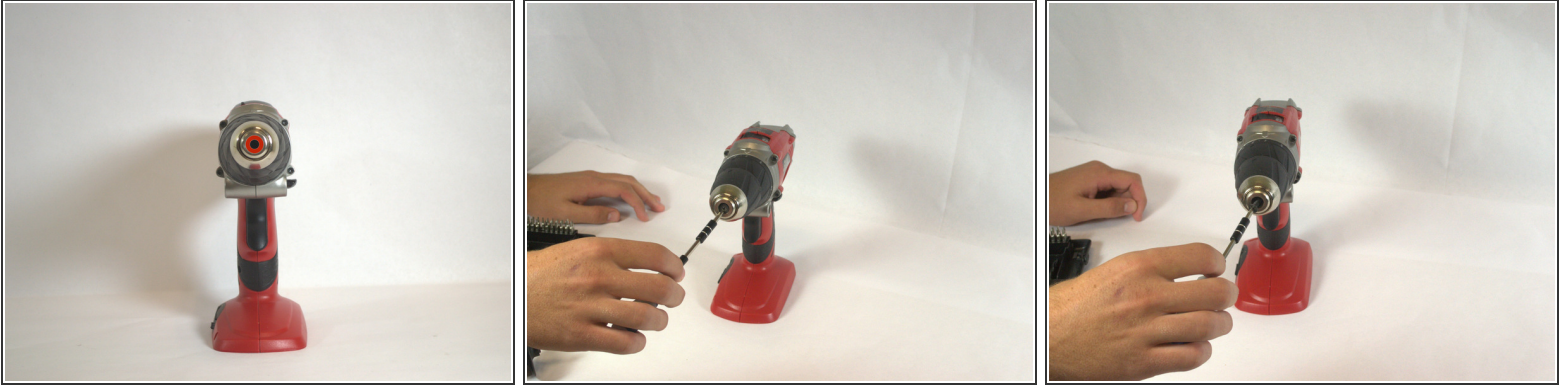
- Grip cordless drill firmly with left hand. Grip the cordless drill handle firmly with the right hand. Rotate the handle counterclockwise in order to remove the handle from the drill.

Step 4 — Remove Gauge



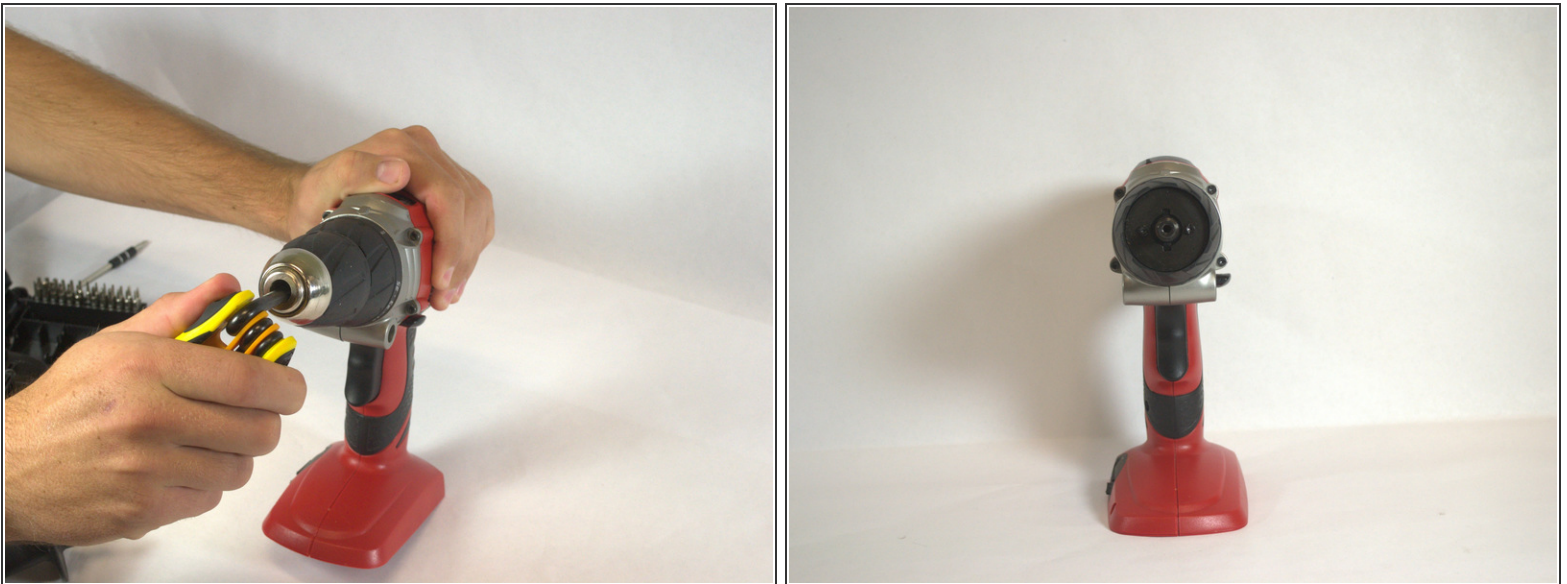
- Hold drill upright with one hand and slide the gauge backwards to remove it with the other.

Step 5 — Remove the screw from the chuck sleeve



- The chuck sleeve is held on by a 20mm Phillips #2 screw in the center. This screw is reverse threaded. Insert a Phillips #2 screwdriver and rotate it clockwise to loosen and remove it.

Step 6 — Remove the chuck sleeve



- The threaded hole the screw was in is in the shape of a 6-point star. Insert a T40 Torx Key and rotate it clockwise to loosen and remove the chuck sleeve.

Step 7 — Remove the screws from the adjustable clutch



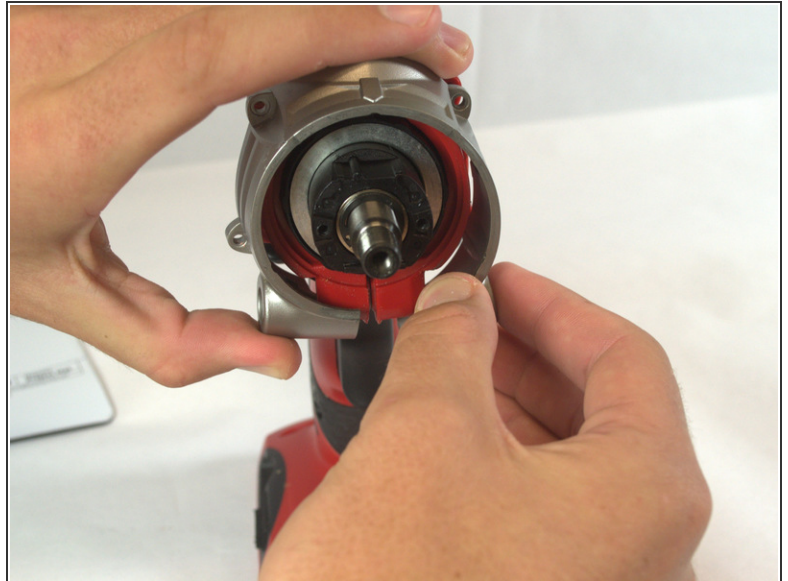
- ⓘ Set the adjustable clutch to the "1" setting before beginning. This will make it easier to remove.
- The adjustable clutch is held on by 2 20mm T10 Torx screws. Insert a T10 Torx screwdriver and rotate it counterclockwise to loosen and remove each screw.

Step 8 — Remove the adjustable clutch



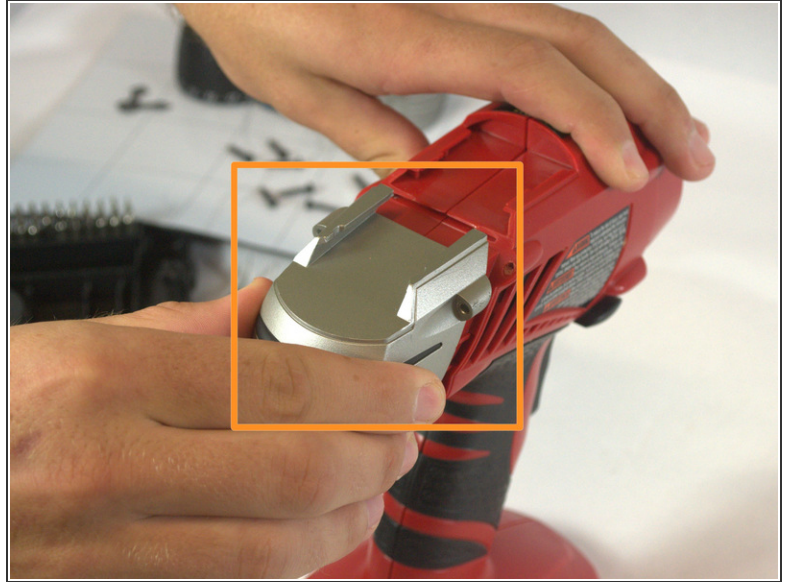
- Firmly grip the outside of the adjustable clutch and pull it off.
- ⓘ There is a metal washer behind the adjustable clutch that holds in 12 small ball bearings. Hold the drill so it is pointing up slightly so the washer and bearings do not fall out.

Step 9 — Remove front screws



- Locate 4 screws on front of the drill. Remove using Torx T10
- Remove front casing piece.

Step 10 — Remove back screws



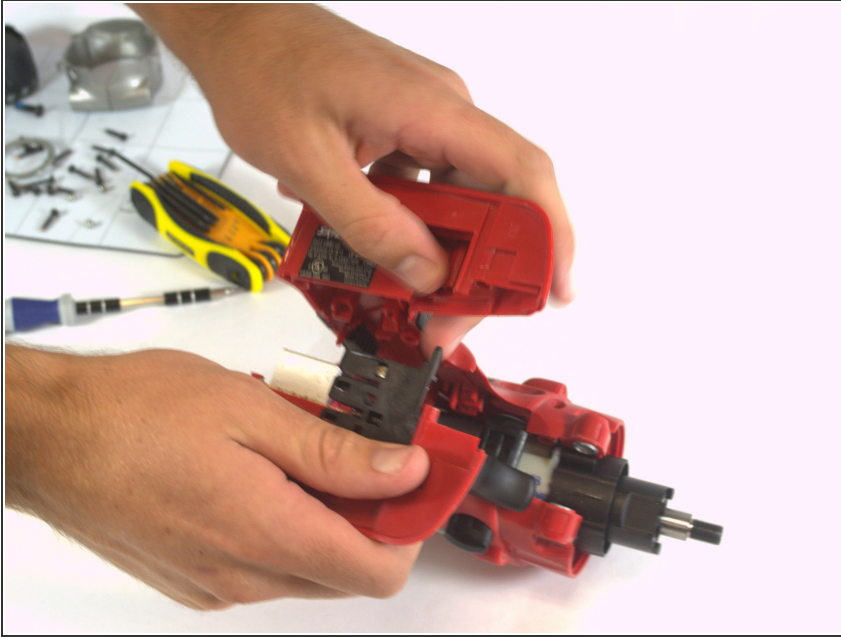
- Locate 4 screws on back of the drill. Remove using Torx T10.
- Remove back casing piece.

Step 11 — Remove side screws



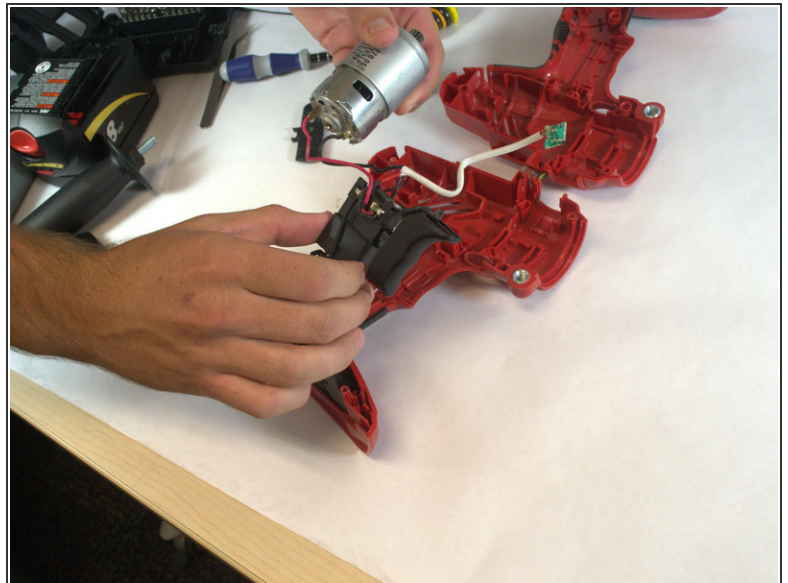
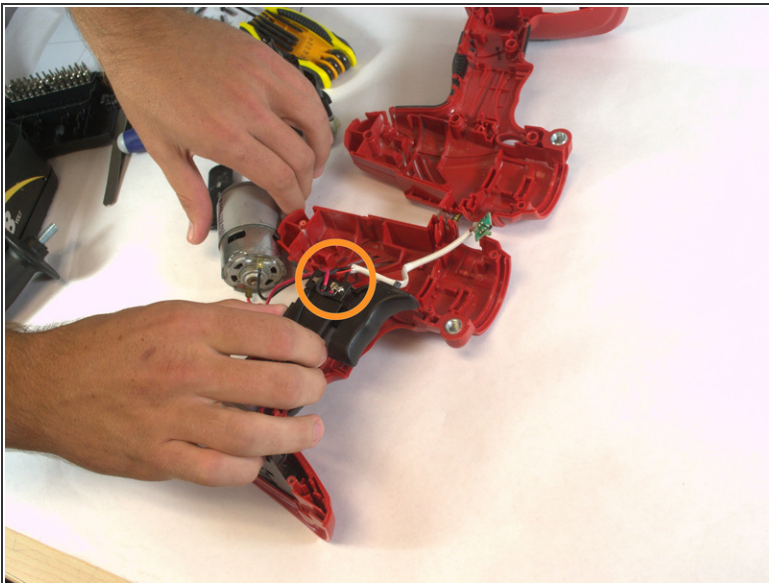
- Locate 4 screws on side of the drill. Remove using Torx T10

Step 12 — Case removal



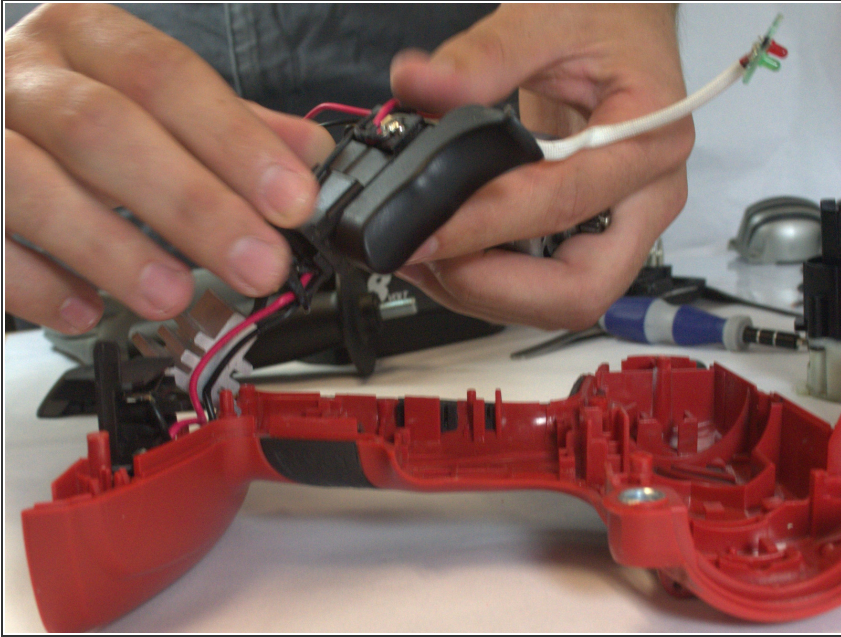
- After all screws have been removed both side casings can be taken apart.

Step 13 — Disconnect trigger



- Disconnect all wiring on top of trigger coming from motor and board.

Step 14 — Connect new trigger



- Reconnect all wiring to your new trigger

To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-12-08 12:14:24 AM.